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RAW SEQUENCE LISTING

DATE: 02/07/2002

PATENT APPLICATION: US/10/050,873

TIME: 07:35:13

Input Set : A:\PZ029P2seqlist.txt

Output Set: N:\CRF3\02072002\J050873.raw

1 <110> APPLICANT: Ruben et al.
 3 <120> TITLE OF INVENTION: 94 Human secreted proteins
 5 <130> FILE REFERENCE: PZ029P2
 C--> 7 <140> CURRENT APPLICATION NUMBER: US/10/050,873
 8 <141> CURRENT FILING DATE: 2002-01-18
 10 <150> PRIOR APPLICATION NUMBER: 60/263,230
 11 <151> PRIOR FILING DATE: 2001-01-23
 13 <150> PRIOR APPLICATION NUMBER: 60/263,681
 14 <151> PRIOR FILING DATE: 2001-01-24
 16 <150> PRIOR APPLICATION NUMBER: 09/461,325
 17 <151> PRIOR FILING DATE: 1999-12-14
 19 <150> PRIOR APPLICATION NUMBER: PCT/US99/13418
 20 <151> PRIOR FILING DATE: 1999-06-15
 22 <150> PRIOR APPLICATION NUMBER: 60/089,507
 23 <151> PRIOR FILING DATE: 1998-06-16
 25 <150> PRIOR APPLICATION NUMBER: 60/089,508
 26 <151> PRIOR FILING DATE: 1998-06-16
 28 <150> PRIOR APPLICATION NUMBER: 60/089,509
 29 <151> PRIOR FILING DATE: 1998-06-16
 31 <150> PRIOR APPLICATION NUMBER: 60/089,510
 32 <151> PRIOR FILING DATE: 1998-06-16
 34 <150> PRIOR APPLICATION NUMBER: 60/090,112
 35 <151> PRIOR FILING DATE: 1998-06-22
 37 <150> PRIOR APPLICATION NUMBER: 60/090,113
 38 <151> PRIOR FILING DATE: 1998-06-22
 40 <160> NUMBER OF SEQ ID NOS: 550
 42 <170> SOFTWARE: PatentIn Ver. 2.0
 44 <210> SEQ ID NO: 1
 45 <211> LENGTH: 733
 46 <212> TYPE: DNA
 47 <213> ORGANISM: Homo sapiens
 49 <400> SEQUENCE: 1
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 51 aattcgaggg tgcaccgtca gtcttcctct tcccccaaa acccaaggac accctcatga 120
 52 tctcccgga tcttgaggtc acatgcgtgg tgggtggacgt aagccacgaa gaccctgagg 180
 53 tcaagttcaa ctggtacgtg gacggcgtgg aggtgcataa tgccaagaca aagccgcggg 240
 54 aggagcagta caacagcacg taccgtgtgg tcagcgtcct caccgtcctg caccaggact 300
 55 ggctgaatgg caaggagtag aagtgcgaagg tctccaacaa agccctccca acccccatcg 360
 56 agaaaacat ctccaaagcc aaagggcagc cccgagaacc acaggtgtac accctgcccc 420
 57 catcccgga tgagctgacc aagaaccagg tcagcctgac ctgctgtgtc aaaggcttct 480
 58 atccaagcga catcgccgtg gagtgggaga gcaatgggca gccggagaac aactacaaga 540
 59 ccacgcctcc cgtgctggac tccgacggct ccttcttcct ctacagcaag ctcaccgtgg 600
 60 acaagagcag gtggcagcag gggaacgtct tctcatgctc cgtgatgcat gaggctctgc 660

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62 gactctagag gat 733
64 <210> SEQ ID NO: 2
65 <211> LENGTH: 5
66 <212> TYPE: PRT
67 <213> ORGANISM: Homo sapiens
69 <220> FEATURE:
70 <221> NAME/KEY: Site
71 <222> LOCATION: (3)
72 <223> OTHER INFORMATION: Xaa equals any of the twenty naturally occurring L-amino acids
74 <400> SEQUENCE: 2
75 Trp Ser Xaa Trp Ser
76 1 5
78 <210> SEQ ID NO: 3
79 <211> LENGTH: 86
80 <212> TYPE: DNA
81 <213> ORGANISM: Artificial Sequence
83 <220> FEATURE:
84 <221> NAME/KEY: Primer_Bind
85 <223> OTHER INFORMATION: Synthetic sequence with 4 tandem copies of the GAS binding
site
86 found in the IRF1 promoter (Rothman et al., Immunity 1:457-468
87 (1994)), 18 nucleotides complementary to the SV40 early promoter,
88 and a Xho I restriction site.
90 <400> SEQUENCE: 3
91 gcgcctcgag atttccccga aatctagatt tccccgaaat gatttccccg aaatgatttc 60
92 cccgaaatat ctgccatctc aattag 86
94 <210> SEQ ID NO: 4
95 <211> LENGTH: 27
96 <212> TYPE: DNA
97 <213> ORGANISM: Artificial Sequence
99 <220> FEATURE:
100 <221> NAME/KEY: Primer_Bind
101 <223> OTHER INFORMATION: Synthetic sequence complementary to the SV40 promoter;
includes a
102 Hind III restriction site.
104 <400> SEQUENCE: 4
105 gcggcaagct ttttgcaaag cctaggc 27
107 <210> SEQ ID NO: 5
108 <211> LENGTH: 271
109 <212> TYPE: DNA
110 <213> ORGANISM: Artificial Sequence
112 <220> FEATURE:
113 <221> NAME/KEY: Protein_Bind
114 <223> OTHER INFORMATION: Synthetic promoter for use in biological assays; includes
GAS
115 binding sites found in the IRF1 promoter (Rothman et al., Immunity
116 1:457-468 (1994)).
118 <400> SEQUENCE: 5
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120 aaatatctgc catctcaatt agtcagcaac catagtcccc cccctaactc cgcccatccc 120
121 gccctaact ccgccagtt ccgccattc tccgccccat ggctgactaa tttttttat 180

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122 ttatgcagag gccgaggccg cctcggcctc tgagctattc cagaagtagt gaggaggctt      240
123 ttttgagggc ctaggctttt gcaaaaagct t      271
125 <210> SEQ ID NO: 6
126 <211> LENGTH: 32
127 <212> TYPE: DNA
128 <213> ORGANISM: Artificial Sequence
130 <220> FEATURE:
131 <221> NAME/KEY: Primer_Bind
132 <223> OTHER INFORMATION: Synthetic primer complementary to human genomic EGR-1
promoter
133     sequence (Sakamoto et al., Oncogene 6:867-871 (1991)); includes a
134     Xho I restriction site.
136 <400> SEQUENCE: 6
137 gcgctcgagg gatgacagcg atagaacccc gg      32
139 <210> SEQ ID NO: 7
140 <211> LENGTH: 31
141 <212> TYPE: DNA
142 <213> ORGANISM: Artificial Sequence
144 <220> FEATURE:
145 <221> NAME/KEY: Primer_Bind
146 <223> OTHER INFORMATION: Synthetic primer complementary to human genomic EGR-1
promoter
147     sequence (Sakamoto et al., Oncogene 6:867-871 (1991)); includes a
148     Hind III restriction site.
150 <400> SEQUENCE: 7
151 gcgaagcttc gcgactcccc ggatccgcct c      31
153 <210> SEQ ID NO: 8
154 <211> LENGTH: 12
155 <212> TYPE: DNA
156 <213> ORGANISM: Homo sapiens
158 <400> SEQUENCE: 8
159 ggggactttc cc      12
161 <210> SEQ ID NO: 9
162 <211> LENGTH: 73
163 <212> TYPE: DNA
164 <213> ORGANISM: Artificial Sequence
166 <220> FEATURE:
167 <221> NAME/KEY: Primer_Bind
168 <223> OTHER INFORMATION: Synthetic primer with 4 tandem copies of the NF-KB binding
site
169     (GGGGACTTTC), 18 nucleotides complementary to the 5' end of the
170     SV40 early promoter sequence, and a XhoI restriction site.
172 <400> SEQUENCE: 9
173 gcggcctcga ggggactttc ccggggactt tcgggggact ttccgggact ttccatcctg      60
174 ccattctcaat tag      73
176 <210> SEQ ID NO: 10
177 <211> LENGTH: 256
178 <212> TYPE: DNA
179 <213> ORGANISM: Artificial Sequence
181 <220> FEATURE:
182 <221> NAME/KEY: Protein_Bind
183 <223> OTHER INFORMATION: Synthetic promoter for use in biological assays; includes
NF-KB

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184      binding sites.
186 <400> SEQUENCE: 10
187 ctcgagggga ctttcccggg gactttccgg ggactttccg ggactttcca tctgccatct      60
188 caattagtca gcaaccatag tcccgcacct aactccgccc atcccgcgcc taactccgcc      120
189 cagttccgcc cattctccgc cccatggctg actaattttt tttatttatg cagaggccga      180
190 ggccgcctcg gcctctgagc tattccagaa gtagtgagga ggcttttttg gaggcctagg      240
191 cttttgcaaa aagctt                                     256
193 <210> SEQ ID NO: 11
194 <211> LENGTH: 899
195 <212> TYPE: DNA
196 <213> ORGANISM: Homo sapiens
198 <400> SEQUENCE: 11
199 ccacgcgtcc ggaaaaagta caagcccctc tcaaatgggt caagtttcaa atattagacc      60
200 caccatggc aaagacagat tttagtataa tactcctaaa actacactgt cttttttttt      120
201 tttctgtcat aagtgtgcat tgtgtcagc catttatctc agtgacccaa acagagccca      180
202 gtccagctgt ttgtattttc cctgcagtgg gaagtggact agggccatgt gactaagaaa      240
203 gccagcctgg gggctgtctt ttcacctaca gatgttttaa tgtgtttaac attatccaat      300
204 actagcaacc gagatagtct aaataccaca gcaggatctg attagctttt tcagatcact      360
205 gcctttatct gctgtttgca aaaaagctta atccagtgtc agagatcagg cttcctgctg      420
206 agccctgggg tagtttctct cattctttgt gttcacagtg gcaggcggtta gtgagcagat      480
207 tctctctcct cctaaattaa agctgtaaaag tagtaactgt agtagcaagg gataaagaga      540
208 aggaagaaaa cccaagggaa aaaagaagac tgtctattca taccaagtag tttccttgat      600
209 atacacaaaa gaaagagttt ctaatatgaa ttcataaata ctgacctcag tgtctcttct      660
210 actcagtgca cagctattaa gttttattag gtttcagttg taactacttt gtgtggatat      720
211 atgttacgtt tttcatatct atcctactca atcaatctca gttttaccag aagaattaca      780
212 tttattagcc ataacagtgg ccctctctct attcttttca gggctgatat cttttttatt      840
213 catgagattt caaaaagaac tatcaccacc actaacaaaa aaaaaaaaaa aaaaaaaaaa      899
215 <210> SEQ ID NO: 12
216 <211> LENGTH: 1140
217 <212> TYPE: DNA
218 <213> ORGANISM: Homo sapiens
220 <400> SEQUENCE: 12
221 cccacgcgtc cgctgatgtt attagcagca taaggcagtc atcgatgagg cttgaggggg      60
222 ccttctgttg gggtcacggt cacctttcca cagtacagga cttcgaactt ctgagagttg      120
223 taaaaggcgt cctcattatc tttgctgggt ttggcactct ctttcatggc cgmtttagat      180
224 aattgcctta tctgctaat aacatcagga acctggctgg ggtctgtggc gcggaaaacg      240
225 tggcaggcca tctgcgactc ggggtcgtcg ggctgcgctc tgatcaggta ggcaaagtag      300
226 gtgaggtcgt ggctgttgtg gatgaagcgc gagatatgct gcgccttgtg ctcgaagatg      360
227 aataccgcgc ggttgggctg cgtggccgac ggactagtgc cccccgaggc cccagcgccc      420
228 ggcgcgggga cgcaacgcag gaaggcgcg cgtagcacca ggatcacctc tcgggcccgc      480
229 ggcgcgccgc agccgcgccg ctcgggcttc tggctgcgcc tgcggatctc ggccatgagc      540
230 cagggcagca taggcagcgt ggtcctgttg tccaggcacg acccccacac gtaccacagc      600
231 cggaaccgct tatcgcttgg cttcccgggg ccgggctgag ctgagacgcc cggctcgggc      660
232 tccagggggg gcgggaacgg ctcactctga atgcagctgg gcggctycat aactctcgcc      720
233 tcaccagggc accgcggagg ccggccgggc gcaccgcgcc cccactccc gcgcagaagg      780
234 cgccgcgcaa actgtgcca ctgcgcacc gggctyccgc gctgcttg gagcggcgcg      840
235 accccgaact ccgcgttca gcagccctgc cccatgcagc acttccacgg gcgcggctcg      900
236 gaggtctcgg cggcgggcac cgaggcaagc gcccggcagg cgaggcgggg ttaaatgggc      960
237 atcctcctcc tcgggctggc gcctcgggca ggacctccc ttcctccgct gcgggtttgc      1020

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238 agggtcagag gaccacgccg agggtecccg cggccgctct agaggatccc tcgagggggcc 1080
239 caagcttasg cgtgcatgsg acgtcatagc taatctccct atagggagtt gcaaaaaggt 1140
241 <210> SEQ ID NO: 13
242 <211> LENGTH: 1445
243 <212> TYPE: DNA
244 <213> ORGANISM: Homo sapiens
246 <400> SEQUENCE: 13
247 ggaaggctgc aggaccagga ccgaaaaagg actaggaggc tgggatcagc aacaactggg 60
248 gaaggccaag gaagactgac ctgaggggaa aggagaaact ggggaggtga ggtctactac 120
249 tcaacaggat attottcaag gaaaatgaac cccacactag gcctggccat ttttctggct 180
250 gttctcctca cggtgaaagg ttttctaaag ccgagcttct caccaaggaa ttataaagct 240
251 ttgagcgagg tccaaggatg gaagcaaagg atggcagcca aggagcttgc aaggcagaac 300
252 atggacttag gctttaagct gctcaagaag ctggcctttt acaaccctgg caggaacatc 360
253 ttcctatccc ccttgagcat ctctacagct ttctccatgc tgtgcctggg tgcccaggac 420
254 agcaccctgg acgagatcaa gcaggggttc aacttcagaa agatgccaga aaaagatctt 480
255 catgaggggt tccattacat catccacgag ctgaccacaga agaccacagga cctcaaaactg 540
256 agcattggga acacgctggt cattgaccag aggctgcagc cacagcgtaa gtttttggaa 600
257 gatgccaaag actttttacag tgccgaaacc atccttacca actttcagaa tttggaaatg 660
258 gctcagaagc agatcaatga ctttatcagt caaaaaaccc atgggaaaat taacaacctg 720
259 atcgagaata tagaccccg cactgtgatg cttcttgcaa attatatttt ctttcgagcc 780
260 aggtggaaac atgagtttga tccaaatgta actaaagagg aagatttctt tctggagaaa 840
261 aacagttcag tcaaggtgcc catgatgttc cgtagtggca tataccaagt tggctatgac 900
262 gataagctct cttgcaccat cctggaaata cctaccaga aaaatatcac agccatcttc 960
263 atccttctct atgagggcaa gctgaagcac ttggagaagg gattgcaggt ggacactttc 1020
264 tccagatgga aaacattact gtcacgcagg gtcgtagacg tgtctgtacc cagactccac 1080
265 atgacgggca ccttcgacct gaagaagact ctctcctaca taggtgtctc caaaatcttt 1140
266 gaggaacatg gtgatctcac caagatcgcc cctcatcgca gcctgaaagt gggcgaggct 1200
267 gtgcacaagg ctgagctgaa gatggatgag aggggtacgg aagggggcgc tggcaccgga 1260
268 gcacagactc tgcccattga gacaccactc gtcgtcaaga tagacaaacc ctatctgctg 1320
269 ctgatttaca gcgagaaaat accttcctg ctcttctctg gaaagattgt taaccctatt 1380
270 ggaaaataaa ggagaattcc tgcttgccac agaccccgaa aaaaaaaaaa aaaaagggcg 1440
271 gccgc 1445
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274 <211> LENGTH: 1208
275 <212> TYPE: DNA
276 <213> ORGANISM: Homo sapiens
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279 <221> NAME/KEY: misc_feature
280 <222> LOCATION: (9)..(9)
281 <223> OTHER INFORMATION: n equals a,t,g, or c
283 <220> FEATURE:
284 <221> NAME/KEY: misc_feature
285 <222> LOCATION: (59)..(59)
286 <223> OTHER INFORMATION: n equals a,t,g, or c
288 <220> FEATURE:
289 <221> NAME/KEY: misc_feature
290 <222> LOCATION: (79)..(79)
291 <223> OTHER INFORMATION: n equals a,t,g, or c
293 <220> FEATURE:

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Use of n and/or Xaa has been detected in the Sequence Listing.
 Review the Sequence Listing to insure a corresponding
 explanation is presented in the <220> to <223> fields of
 each sequence using n or Xaa.

VERIFICATION SUMMARY

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Input Set : A:\PZ029P2seqlist.txt

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L:7 M:270 C: Current Application Number differs, Replaced Current Application Number

L:75 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2

L:299 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14

L:300 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14

L:312 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14

L:378 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16

L:408 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16

L:499 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18

L:500 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18

L:501 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18

L:535 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19

L:536 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19

L:585 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20

L:586 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20

L:628 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21

L:669 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22

L:811 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26

L:825 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26

L:890 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27

L:965 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30

L:1072 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33

L:1179 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36

L:1180 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36

L:1199 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36

L:1219 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37

L:1275 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38

L:1306 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39

L:1309 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39

L:1380 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41

L:1544 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47

L:1749 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53

L:1755 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53

L:1763 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53

L:1771 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53

L:1772 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53

L:1820 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54

L:1828 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54

L:1829 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54

L:1844 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54

L:1903 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56

L:1905 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56

L:1931 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56

L:1935 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56

L:1991 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57

L:2016 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58

L:2128 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63

L:2141 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64

L:2237 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67

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L:2248 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67

L:2279 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:68

L:2387 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:71